

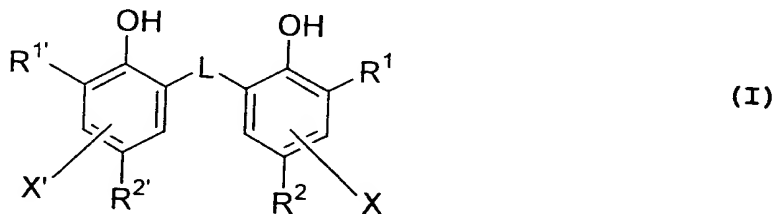
WHAT IS CLAIMED IS:

1. A photothermographic material comprising a support having provided on one surface thereof at least one kind of light-sensitive silver halide, a light-insensitive organic silver salt, a reducing agent for silver ions, and a binder, wherein the photothermographic material comprises a surface active agent represented by the following formula (F):



wherein Rf represents a perfluoroalkyl group, Rc represents an alkylene group, Z represents a group having an anionic group, a cationic group, a betaine-series group, or a nonionic polar group necessary for imparting a surface activity, n represents an integer of 0 or 1, and m represents an integer of 1, 2 or 3.

2. The photothermographic material according to claim 1, wherein said reducing agent is a reducing agent represented by the following formula (I):



wherein R¹ and R^{1'} each independently represents an alkyl group having from 1 to 20 carbon atoms, R² and R^{2'} each independently represents a hydrogen atom, or a substituent

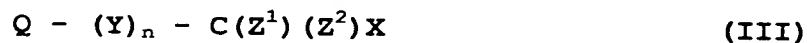
capable of being substituted to the benzene ring, L represents an -S- group or a -CHR³- group, wherein R³ represents a hydrogen atom or an alkyl group having from 1 to 20 carbon atoms, and X and X' each independently represents a hydrogen atom or a substituent capable of being substituted to the benzene ring.

3. The photothermographic material according to claim 1, wherein the photothermographic material comprises the compound represented by the following formula (II):



wherein R¹⁰, R¹¹, and R¹² each independently represents an alkyl group, an aralkyl group, an aryl group, an alkoxy group, an aryloxy group, an amino group, or a heterocyclic group.

4. The photothermographic material according to claim 1, wherein the photothermographic material comprises the compound represented by the following formula (III):



wherein Q represents an alkyl group, an aryl group, or a heterocyclic group, Y represents a divalent connecting group, n represents 0 or 1, Z¹ and Z² each represents a halogen atom, and X represents a hydrogen atom or an electron attractive group.

add a
add b²